



Less than a case of dynamite, a box of electric detonators and assorted steel tools carried together in the box of a dump truck resulted in an explosion which killed the driver and severely injured a nearby child.

#### LOAD

1. The vehicle must not be overloaded — 80% of carrying capacity is the limit.
2. For loads of more than 4,000 pounds an Explosives Transportation Permit must be obtained.
3. Dynamite and detonators must not be transported in the same load without a six-inch partition of wood to separate them. Holders of permits for loads larger than 4,000 pounds may not carry mixed loads under any conditions.
4. No other materials may be carried with explosives unless they are compatible with the explosives and properly separated from them.
5. Damaged or deteriorated explosives must not be transported unless authorized by an inspector.

#### EXPLOSIVES DIVISION

DEPARTMENT OF ENERGY, MINES AND RESOURCES,

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# TRUCKING EXPLOSIVES

IN CANADA



## VEHICLE

1. The vehicle must be suitable for carrying explosives. There must be no lights or heating system in the carrying box.
2. A towed vehicle must not be used for explosives. However, a truck tractor with semi-trailer is excepted.
3. The carrying box must be strong enough and high enough to ensure that the explosives will not fall out.
4. Exposed iron or steel in the carrying box must be covered with wood or other non-sparking material.
5. No more than 150 pounds of explosives may be carried in a passenger type vehicle such as a station wagon or automobile.



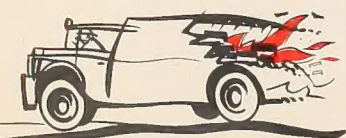
## DRIVER

1. The vehicle must be driven by a licensed driver, 21 years of age or over.
2. If the journey exceeds 10 hours a second licensed driver 21 years of age or over must accompany the vehicle.
3. The vehicle must never be left unattended.
4. Passengers are not allowed.



## FIRE PRECAUTIONS

1. In open vehicles the explosives shall be covered with a fire-resistant tarpaulin.
2. A fire extinguisher large enough to deal with a gasoline or oil fire must be carried.
3. Smoking is not allowed in or near the vehicle.
4. No matches may be carried (except safety matches in the cab if essential).



## INSPECTION

1. Trucks must be inspected daily to ensure sound mechanical condition. Particular attention should be paid to the exhaust system, electric wiring, fuel tank and feed lines, brakes and steering. The engine and chassis must be clean of oil and grease.
2. The fire extinguisher must be inspected daily to ensure it is full and in good working order.



## LOADING AND UNLOADING

1. Explosives must not be moved unless proper storage is ready at destination.
2. The vehicle must be serviced with fuel, oil and air before loading explosives.
3. The ignition must be OFF and the brakes ON during loading and unloading.
4. Operators of factories and magazines must not allow loading of a vehicle which obviously violates any provision of the Regulations.



## WHILE UNDER WAY

1. The rules of the road must be strictly observed.
2. "EXPLOSIVES" warning signs must be displayed when carrying explosives. They must have letters at least six inches high on a contrasting background, and be visible from all four sides of the vehicle. They must not be displayed unless explosives are being carried.
3. Maximum speed permitted is 55 mph, weather and other driving conditions permitting.
4. The vehicle must be stopped before all railway crossings unless they are protected by an automatic signal.
5. The vehicle should be stopped only in isolated places.
6. Travel through built-up areas should be avoided wherever possible.
7. Any accident to a vehicle transporting explosives must be reported immediately to the Chief Inspector of Explosives.

